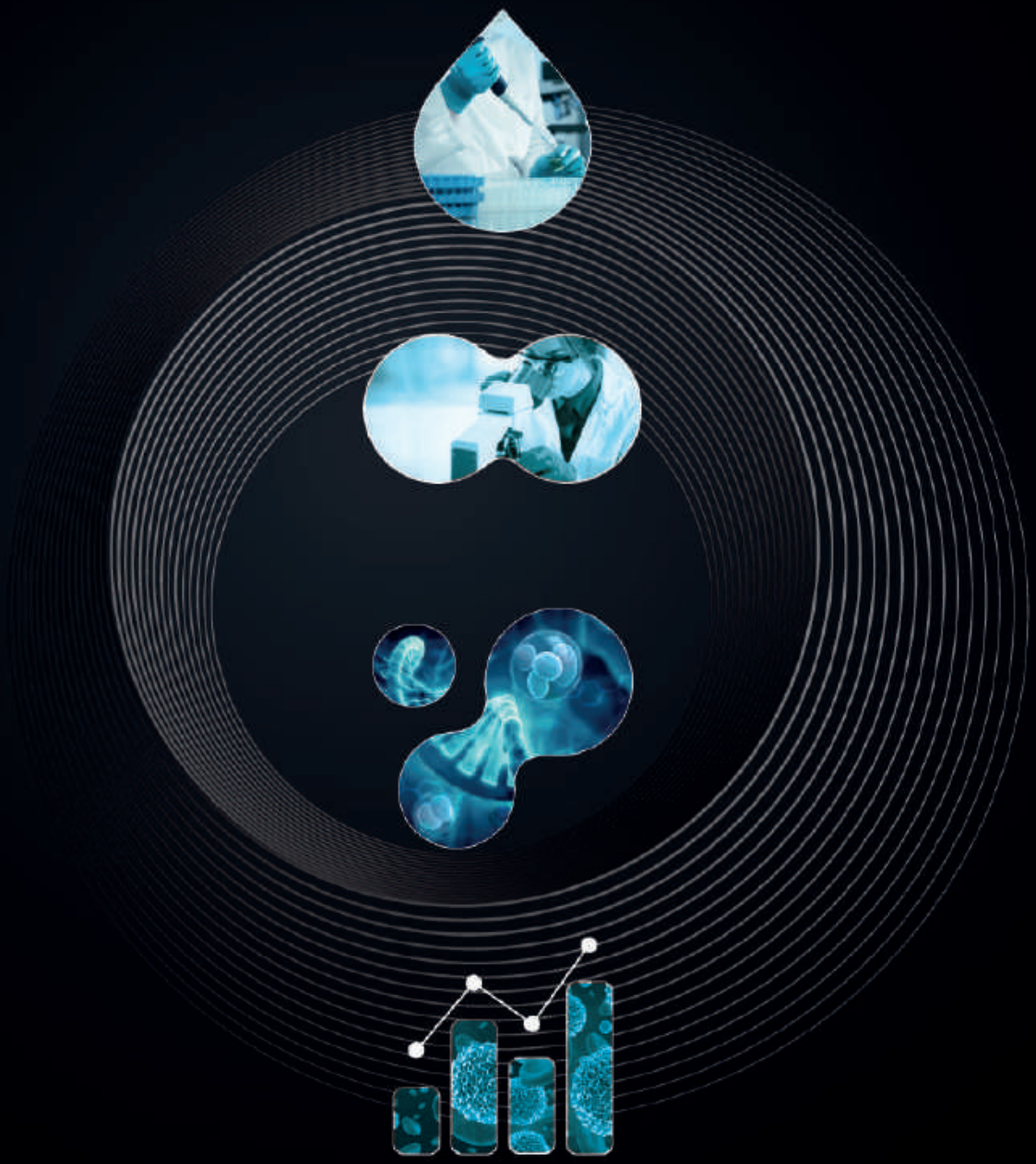
# Product Catalogue for Life Science

Cell counters & Live cell imaging systems



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# About NanoEntek

## Outline

Company Overview
Partnership & Global Networks

# Company Overview


## Digital Bio-It all began with young scientists willing to contribute to society

In 2000, NanoEntek(KOSDAQ: 039860) was established initially as Digital Bio with 10 scientists who were in the field of various sciences in Seoul National University. NanoEntek possesses the technology for a key platform called “Lab-On-a-Chip”, which integrates laboratory processes on a microfluidic chip with the size of a fingernail, making significant contributions to the fields of medical and life science engineering.

## Our mission : Support researcher for a better world

From the beginning until today, NanoEntek is aiming to develop innovative and easy to use products (automated cell counter and analyzer) for life science and cell therapy.
We help them consume their valuable their time and passion for discovery, instead of repetitive and tedious work. NanoEntek always keeps our initial mission in mind and help researchers contribute for the better world.

**2000**
- Digital Biotechnology is established

**2005**
- C-Chip is launched

**2006**
- NanoEntek is listed on KOSDAQ
- ADAM™ MC is launched

**2007**
- US corporation is established
- Factory in Hwaseoung is built

**2008**
- Supply contract for Countess with Life Technologies

**2017**
- NanoEntek becomes an affiliate company of SK Group

**2019**
- ADAM™ MC2, ADAM™ CellT and EVE™ Plus is launched
- Supply contract for Millicell with MilliporeSigma
- OEM supply contract for MuviCyte with PerkinElmer

**2021**
- EVE™ HT is launched

**2023**
- ADAM™ MC Plus is launched
- ADAM™ CellT Plus is launched
- ADAMII™ LS is launched
- ADAMII™ CDx is launched
- JuLI™ Stage is re-launched
- EVE™ HT FL is launched

## Success of cell counters

The first successful products was Countess™, the world's first personal cell counter which was a shift in paradigm of cell counters. Following this success, it developed the series of other cell counters; EVE series for academic laboratory, ADAM™ CellT cell counter for cGMP facility, and ADAMII™ LS novel fluorescence cell counter/analyzer.

The second success came from ADAM™ rWBC, the world's first benchtop residual white blood cell counter with FDA 510(k) cleared. It has been selected as the QC standard equipment of the American Red Cross (ARC) and installed in more than 200 blood banks globally.

Through the strong performance (high-accuracy, speed and usability) and customer's satisfaction, we launched 6 new products in 2023 including EVE™ HT FL (High-Throughput Fluorescence Cell Counter) and JuLI™ Stage (Real-time live cell imaging system). They can even fulfill all your needs as well from the research level to the large-scale multi-site manufacturing.

**2009**
- EVE™ is launched
- Patents is sold to Life Technologies (USD 13M)
- Contract new products development with Life Technologies

**2010**
- Receives the "USD 5 Million Export Prize" presented by Korea International Trade Association
- Receives the "IR52 JangYoungShil Award" for Countess

**2011**
- Strategic partnership with SK telecom (invest US 13M$)

**2013**
- JuLI™ Br is launched

**2016**
- SK telecom become the largest share holder
- JuLI™ Stage is launched

# Partnership & Global Networks

Accelerate an effort to secure a global sales network to hold partnership with world's largest biomedical device production and distribution company 'ThermoFisher Scientific'and to secure a global distribution network with 150 nations.

- 2008 : Countess supply contract
- 2009 : Microporator patent sold
- 2009 : New product development supply contract

- 2019 : Partnership & supply contract
- 2020 : Supply Millicell® Disposable Hemocytometer

## Global Market

**Secure sales network through partnership with international global compnies**

**Hold distribution network with 150 nations**

## Global Partners

Our worldwide network with global partners

## Our Valuable Customers

Our valuable customers who trust and support us for a long time

# Product Lineup

## Life Science Research

Cell Counter
Live Cell Imaging System
Disposable Hemocytometer

# Life Science Research

## Cell Counter

ADAM™ MC Plus

ADAM™ CellT Plus


ADAM™ MC2


ADAM™ CellT

EVE™ HT FL

EVE™ HT


EVE™


EVE™ PLUS

ADAMII™ LS

ADAMII™ CDx


ADAM™ SCC2

## Live Cell Imaging System

JuLI™ Stage

## Disposable Hemocytometer


C-Chip 2ch


C-Chip 4ch


S-Chip

# Life Science Research

## Outline

Cell Counter
Live Cell Imaging System
Disposable Hemocytometer

# ADAM™ MC2

PI/AO staining method

## Accurate Automated Cell Counter

ADAM™ MC2 is an accurate automated fluorescence cell counter that performs viability and cell counting measurements within 25 seconds.

## KEY FEATURES & BENEFITS

- Less than 25 seconds to get results
- Higher accuracy
- Sensitive CMOS detection
- WiFi available


## Applications

- Cell counting
- Viability test
- Cell Therapeutic Applications

AccuChip Kit (PI & AO/PI)

## Specifications

| | |
|---|---|
| Analysis time | < 25 sec / test |
| Focus | Auto |
| Cell type | Cell line(clumpy cell, single cell), PBMCs, Adipose Stem cell, Total white blood cell, Primary cells |
| Weight | 7.0 kg |
| Dimensions | 277 x 276 x 270 mm (W x D x H) |

| | |
|---|---|
| Measuring range | $5 \times 10^4 \sim 4 \times 10^7$ cells/mL (PI)<br>$5 \times 10^4 \sim 2 \times 10^7$ cells/mL (AO/PI) |
| Loading sample volume | 13 µL / test (AccuChip 4X) |
| Measuring sample volume | 3.4 µL / test (AccuChip 4X) |
| Staining solution | Propidium Iodide stain<br>Acridine Orange stain |
| Connectivity | WiFi (USB Dongle) |

# ADAM™ MC Plus

2 FLs (AO/DAPI) & Bright field

## Most Accurate Fluorescence Cell Counter

ADAM™ MC Plus is the new standard of automated fluorescence cell counter. It measures the number of total cells, viable cells, non-viable cells and shows viability results. In addition, it analyzes the cell size and aggregation ratio as well.

## KEY FEATURES & BENEFITS

- Only 15 µL of sample volume needed
- 4 tests available with 1 slide
- 45 sec per test
- Low CV value
- PBMCs, Stem Cells, Primary Cells, Cell Lines


## Applications

- Cell counting
- Viability test
- Cell therapeutic applications
- Cell size
- Cell aggregation ratio

AccuPlus Slide & Reagent

## Specifications

| | |
|---|---|
| Analysis time | 10 sec / test (fast mode)<br>30 sec / test (cell size mode) |
| Focus | Auto |
| Cell type | Cell line(clumpy cell, single cell), PBMCs, Adipose Stem cell, Total white blood cell, Primary cells |
| Weight | 7.0 kg |
| Dimensions | 277 x 276 x 270 mm (W x D x H) |

| | |
|---|---|
| Measuring range | $5 \times 10^4 \sim 2 \times 10^7$ cells/mL (Detectable)<br>$4 \times 10^5 \sim 1 \times 10^7$ cells/mL (Optimal) |
| Loading sample volume | 15 µL / test |
| Measuring sample volume | 3.2 µL / test |
| Staining solution | Acridine orange / DAPI solution |

# ADAM™ CellT PI/AO staining method

## Automated Cell Counter for cGMP

ADAM™ CellT is an automated cell counter that is available in cGMP production environment.
ADAM™ CellT complies with 21 CFR Part 11 which is a regulation on electronic records and signatures for use in cGMP facilities. The data cannot be modified by any user.

## KEY FEATURES & BENEFITS

- 21 CFR Part 11 Compliance
- Electronic signatures are required for use in cGMP facilities
- WiFi available


## Applications

- Cell counting
- Viability test
- Cell Therapeutic Applications

AccuChip Kit (PI & AO/PI)

## Specifications

| | |
|---|---|
| Analysis time | < 25 sec / test |
| Focus | Auto |
| Cell type | Cell line(clumpy cell, single cell), PBMCs, Adipose Stem cell, Total white blood cell, Primary cells |
| Weight | 7.0 kg |
| Dimensions | 277 x 276 x 270 mm (W x D x H) |

| | |
|---|---|
| Measuring range | $5 \times 10^4 \sim 4 \times 10^6$ cells/mL (PI)<br>$5 \times 10^4 \sim 2 \times 10^7$ cells/mL (AO/PI) |
| Loading sample volume | 13 µL / test (AccuChip 4X) |
| Measuring sample volume | 3.4 µL / test (AccuChip 4X) |
| Staining solution | Propidium Iodide stain<br>Acridine Orange stain |
| Connectivity | WiFi (USB Dongle) |

# ADAM™ CellT Plus

2 FLs (AO/DAPI) & Bright field

## Most Accurate Fluorescence Cell Counter for cGMP

ADAM™ CellT Plus is the new standard of automated fluorescence cell counter. It measures the number of total cells, viable cells, non-viable cells and shows viability results. In addition, it analyzes the cell size and aggregation ratio as well.

## KEY FEATURES & BENEFITS

- Only 15 µL of sample volume needed
- 4 tests available with 1 slide
- 45 sec per test
- Low CV value
- PBMCs, Adipocytes, Leukocytes, Stem Cells, Hepatocytes, Splenocytes, Cell Lines


## Applications

- Cell counting
- Viability test
- Cell therapeutic applications
- Cell size
- Cell aggregation ratio

AccuPlus Slide & Reagent

## Specifications

| | |
|---|---|
| Analysis time | 10 sec / test (Fast mode)<br>30 sec / test (Cell size mode) |
| Focus | Auto |
| Cell type | Cell line(clumpy cell, single cell), PBMCs, Adipose Stem cell, Total white blood cell, Primary cells |
| Weight | 7.0 kg |
| Dimensions | 277 x 276 x 270 mm (W x D x H) |

| | |
|---|---|
| Measuring range | 5 X $10^4$ ~ 2 X $10^7$ cells/mL (Detectable)<br>4 X $10^5$ ~ 1 X $10^7$ cells/mL (Optimal) |
| Loading sample volume | 15 µL / test |
| Measuring sample volume | 3.2 µL / test |
| Staining solution | Acridine Orange stain<br>DAPI stain |

# ADAMII™ LS

3 FLs (GFP/RFP/DAPI) & Bright field

## Image-based fluorescence cell analyzer

ADAMII™ LS is a benchtop fluorescent intensity based cell analyzer providing versatile assays and high accurate results (similarity to flow cytometer).

### KEY FEATURES & BENEFITS

- Fluorescence level
- Transfection efficiency
- Protein expression
- Dot plot
- 21 CFR part 11 compliance for GMP


### Applications

- Fluorescence expression
- Cell cycle
- Apoptosis
- Total cell counting & Viability
- Cell size


Assay Slide & Reagents

### Specifications

| | |
|---|---|
| Analysis time | App. 2 min ~ 4 min 30 sec |
| Objective lens | 10 X |
| Operating power | 100 – 240 V, 1.5 A, 50/60 Hz |
| Weight | 19.3 kg |
| Dimensions | 300 x 420 x 370 mm (W x D x H) |

| | |
|---|---|
| Measurement range | $5 X 10^4 \sim 4 X 10^6$ cells/mL (PI)<br>$5 X 10^4 \sim 2 X 10^7$ cells/mL (AO/PI) |
| Loading volume | 25 µL |
| Measuring volume | ≤ 7.8 µL |
| Electronic input | 12VDC, 5.0A |
| Light source | Bright field, UV, Blue, Green LED |

# ADAMII™ CDx

3 FLs (UV/Blue/Green) & Bright field

## Image-based immune cell phenotyping instrument

ADAMII™ CDx, all-in-one system with 4-channel (Bright field and 3 fluorescent channels) for cell therapy R&D and manufacturing process.

## KEY FEATURES & BENEFITS

- Absolute CD + cell counting
- Various CD marker panels
- Total cell counting, viability, cell size, growth curve
- Apoptosis assay
- 21 CFR part 11 compliance for GMP


## Applications

**Immune cell phenotyping**

- T cell : CD34/CD8/CD3
- NK cell : CD3/CD56&16/CD45
- B cell : CD3/CD19/CD45
- Monocyte : CD3/CD14/CD45

## Specifications

| | | | |
|---|---|---|---|
| Analysis time | App. 2 min ~ 4 min 30 sec | Measurement range | $5 \times 10^4 \sim 5 \times 10^6$ cells/mL |
| Objective lens | 10 X | Loading volume | 25 µL |
| Weight | 19.3 kg | Measuring volume | ≤ 7.8 µL |
| Dimensions | 300 x 420 x 370 mm (W x D x H) | Light source | Bright field, UV, Blue, Green LED |

# ADAM™ SCC2

PI staining method

## Fast Automated Somatic Cell Counter

ADAM™ SCC2 is a fast, easy and accurate automated somatic cell counter that counts somatic cell to determine raw milk quality.

## KEY FEATURES & BENEFITS

- Less than 13 seconds for a test (4ch)
- Optimized image analysis software
- WiFi available

## Applications

- Counting somatic cells
- Raw milk quality control


Somatic Cell Count Kit

## Specifications

| | | | |
|---|---|---|---|
| Analysis time | < 13 sec / test | Measuring range | 0.05 ~ 1.15 x $10^6$ cells/mL |
| Focus | Auto | Loading sample volume | 13 µL / test (SomaChip 4X) |
| Cell type | Somatic cell | Measuring sample volume | 3.4 µL / test (SomaChip 4X) |
| Weight | 7.0 kg | Staining solution | Propidium Iodide stain |
| Dimensions | 277 x 276 x 270 mm (W x D x H) | Connectivity | WiFi (USB Dongle) |

# EVE™

TB staining method

# Automated Cell Counter

EVE™ uses state-of-the-art optics and image analysis to automate cell counting.
The EVE™ is a benchtop counter, designed to measure cell count and viability (live, dead, and total cells) accurately and precisely, using the standard trypan blue technique.

## KEY FEATURES & BENEFITS

- Fine distinction of clumped cell
- Cell size gating
- Data storage & analysis
- No need of maintenance
- Bench top size & LCD touch screen
- Manual focus

## Applications

- Cell viability (%)
- Total cell counting
- Cell concentration measurement
- Data analysis with graphical reports

EVE™ Slide

## Specifications

| | |
|---|---|
| Analysis time | < 20 sec / test |
| Power | 100-240V~, 50/60Hz |
| Display | 7” LCD touch screen |
| Data storage | USB drive (4 GB) |
| Data format | JPEG (Image) , CSV (Raw data) |
| Weight | 2.1 kg |
| Dimensions | 270 x 200 x 190 mm (W x D x H) |

| | |
|---|---|
| Measuring range | 1 X $10^4$ ~ 1 X $10^7$ cells/mL (Detectable)<br>1 X $10^5$ ~ 4 X $10^6$ cells/mL (Optimal) |
| Loading sample volume | 10 µL / test |
| Cell size range | 5 ~ 60 µm |
| Staining solution | Trypan blue stain |

# EVE™ PLUS ● TB staining method

## The World's Fastest Automated Cell Counter

EVE™ Plus identifies and counts clumpy cells individually for accurate analysis within 1 second.

## KEY FEATURES & BENEFITS

- Less than 1 second to get results
- Easy to use
- Automatically saved up to 500 results
- Fine distinction of clumped cells
- 2 focus mode: auto, manual
- WiFi available

## Applications

- Total cell counting (live, dead)
- Viability (%)
- Cell size


EVE™ Slide

## Specifications

| | |
|---|---|
| Analysis time | <1 sec (manual) / <10 sec (auto) |
| Focus | Auto & Manual |
| Connectivity | WiFi (USB Dongle) |
| Cell type | Cell line (clumpy cell, single cell) |
| Weight | 4.0 kg |
| Dimensions | 274 x 274 x 333 mm (W x D x H) |

| | |
|---|---|
| Measuring range | $1x10^4$ ~ $2x10^7$ cells/mL |
| Loading sample volume | 10 µL / test |
| Cell size range | 5 ~ 60 µm |
| Staining solution | Trypan blue stain |

# EVE™ HT

TB staining method

## High-throughput Automated Cell Counter

The EVE™ HT is a high-throughput automated multiple cell counter, providing 48-sample counting in just 2.5 minutes to analyze primary cells and cell lines. With small sample volume and extensive capacity, the EVE™ HT provides accurate cell counting and viability measurements.

## KEY FEATURES & BENEFITS

- Up to 48 samples per count
- 3 minutes to count 48 samples
- 20 µL required for each sample
- User-independent consistency in results
- Cell declustering technique
- 21 CFR Part 11 Compliance

NEW


## Applications

- Total cell counting (viable, non-viable)
- Viability (%)
- Cell size

## Specifications

EVE™ HT Counting Kit

| | | | |
|---|---|---|---|
| Analysis time | < 3 min / 48 tests | Measuring range | 1 x $10^4$ ~ 1 x $10^7$ cells/mL |
| Power | 100-240V~, 50/60Hz | Cell size range | 5 ~ 80 µm |
| Weight | 58 kg | Loading sample volume | 20 µL / channel |
| Dimensions | 586 x 477 x 458 mm (W x L x H) | Staining solution | Trypan blue stain |

# EVE™ HT FL

2 FLs (AO/DAPI) & Bright field

## High-throughput Fluorescence Cell Counter

The EVE™ HT FL is a high-throughput automated fluorescence cell counter equipped with bright field and two fluorescence channels (AO/DAPI). In just 3 minutes, up to 48 samples can be counted and analyzed. EVE™ HT FL delivers brilliant precision and accuracy, making it the optimal choice for both cell lines and primary cell analysis in a variety of applications.

## KEY FEATURES & BENEFITS

- Dual-Fluorescence (AO/DAPI) & Bright Field
- 48 Samples in just 3 minutes
- Only 20 µL sample volume required
- Real Cell Size & Viability
- Accurately identify and count clumpy cells

NEW


## Specifications

EVE™ HT FL Counting Kit

| | | | |
|---|---|---|---|
| Analysis time | 3 ~ 6 minutes for 48 samples | Measuring range | Detectable : 1 x $10^4$ ~ 2 x $10^7$ cells/mL<br>Optimal : 1 x $10^5$ ~ 1 x $10^7$ cells/mL |
| Power | 100 ~ 240V, 50/60Hz | | |
| Cell size range | 5 ~ 85 µm (Detectable)<br>5 ~ 80 µm (Optimal) | Loading sample volume | 20 µL / channel |
| | | Staining solution | AO/DAPI mixed solution |
| Weight | 61 kg | Channel | Dual fluorescence channels (AO&DAPI) |
| Dimensions | 586 x 461 x 458 mm (W x D x H) | Operation system | Windows 10 |
| | | 21 CFR Part 11 compliance | Available (Optional) |

# JuLI™ Stage

3 FLs (GFP/RFP/DAPI)

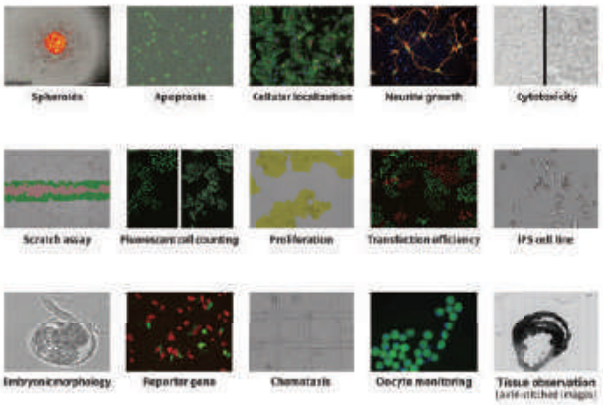
## Real-time Live Cell Imaging System

JuLI™ Stage, the new standard of real-time live cell imaging system is designed to get time-lapse images and make taking cell videos much easier.

## KEY FEATURES & BENEFITS

- Compact and compatible with a standard $CO_2$ incubator
- Fully automated X-Y-Z stage
- Multi-channel fluorescence imaging (GFP, RFP, DAPI and Bright field)
- Easy & powerful software
- Take and analyze image in real-time


## Applications




## Specifications

| | |
|---|---|
| Light source | Blue, Green, UV LED (Intensity adjustable) |
| Fluorescence | DAPI, GFP, RFP |
| Stage | Automated, motorized, X-Y-Z stage / Interchangeable vessel holder |
| PC | TBD |
| Electronic input | 12VDC, 5.0A |
| Weight | 18.5 kg / 41 lbs |
| Dimensions | 429 x 310 x 324 mm (W x D x H) |

| | |
|---|---|
| Objective lens | 4X, 10X, 20X + Digital zoom<br>Inter-changeable objective lens |
| Camera | High-sensitivity monochrome CCD (Sony sensor 2/3") / 1,936 x 1,456 pixels (2.8M), 53 FPS, 14 bit |
| Exported formats | Image : JPEG, TIFF, BMP, PNG<br>Video : AVI<br>Raw data : CSV |
| Operating power | 100-240V, 1.5A, 50/60Hz |
| Operating environment | 5-40°C, 20-95% |

# C-Chip 2ch

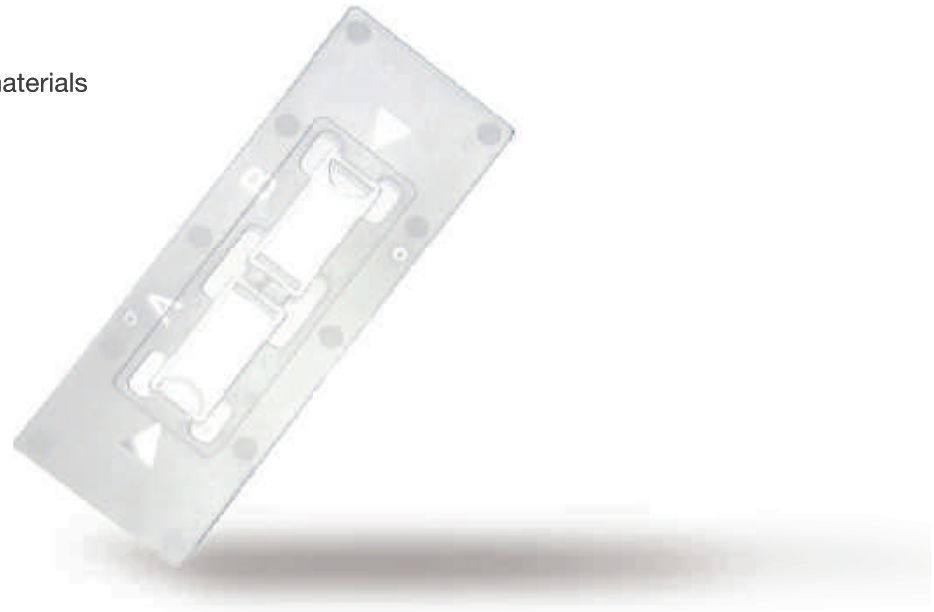
CE

## The World's First True Disposable Hemocytometer

A precision disposable plastic hemocytomer, developed to solve the problems of conventional glass hemocytomer.

## KEY FEATURES & BENEFITS

- 2 tests in 1 slide
- No coverslip required
- No more exposure to hazardous materials
  (e.g., AIDS patient blood, urine)
- Accurate and reliable
- Quartz grade optical plastic



## Applications

- Blood analysis
- Cell culture
- Microbiology

## Specifications

| Cat. No. | DHC-N01 | DHC-B01 | DHC-B02 | DHC-F01 | DHC-M01 |
|---|---|---|---|---|---|
| Grid | Neubauer Improved | Bürker | Bürker-Türk | Fuchs Rosenthal | Malassez |
| Unit | 50 Slide | 50 Slide | 50 Slide | 50 Slide | 50 Slide |
| Chamber depth | 100 µm | 100 µm | 100 µm | 200 µm | 200 µm |
| Loading volume | 10 µL | 10 µL | 10 µL | 20 µL | 20 µL |
| Dimensions | 25 x 75 x 1.6 mm (W x D x H) | | | | |

# C-Chip 4ch

CE

## Disposable Hemocytometer 4 channel

4 channel precision disposable plastic hemocytometer, developed to solve the problem of conventional glass hemocytometer.

### KEY FEATURES & BENEFITS

- 4 tests in 1 slide
- No coverslip required
- No more exposure to hazardous materials
- Accurate and reliable
- Quartz grade optical plastic


### Applications

- Blood analysis
- Cell culture
- Microbiology

### Specifications

| Cat. No. | DHC-N04 | DHC-B04 | DHC-F04 |
|---|---|---|---|
| Grid | Neubauer Improved | Bürker | Fuchs Rosenthal |
| Unit | 50 Slide | 50 Slide | 50 Slide |
| Chamber depth | 100 µm | 100 µm | 200 µm |
| Loading volume | 10 µL | 10 µL | 20 µL |
| Dimensions | 25 x 75 x 1.6 mm (W x D x H) | | |

# S-Chip

CE

## Disposable Counting Chamber for Sperm

A precise and disposable plastic chamber with two ports for sperm counting.

### KEY FEATURES & BENEFITS

- 2 tests in 1 slide
- No coverslip required
- No need to wash for reuse
- Accurate and reliable
- Quartz grade optical plastic


### Applications

- IVF, IUI: Sperm counting


### Specifications

| | |
|---|---|
| Chamber depth | 20 μm |
| Loading volume | 2 ~ 3 μL |
| Capacity | 50 slides / box (100 counts) |
| Dimensions | 25 x 75 x 2 mm (W x D x H) |

# Ordering Information

## Outline

Cell Counter
Live Cell Imaging System
Disposable Hemocytometer

# Cell Counter

## ADAM™ Series

| Catalog Number | Product Name | Specification |
|---|---|---|
| ADAM-MC2 | Automated cell counter, ADAM™ MC2 | Main device |
| ADAM-CellT | Automated cell counter for cGMP, ADAM™ CellT | Main device |
| AD4K-200 | AccuChip kit (PI staining) | - AccuChip 4X x 200 pcs<br>- T(PI) sol. x 2 ea, N sol. x 1 ea |
| AD4K-200AO | AccuChip kit (AO/PI staining) | - AccuChip 4X x 200 pcs<br>- T(AO) sol. x 2 ea, N sol. x 1 ea |
| ADR-1000 | Accustain solution (PI staining) | T(PI) sol. x 4 ea, N sol. x 2 ea |
| ADR-1000AO | Accustain solution (AO/PI staining) | T(AO) sol. x 4 ea, N sol. x 2 ea |
| ADB-500 | ADAM calibration beads | Calibration beads 5 mL x 1 bottle |
| QCS-001 | QC Slide for ADAM™ CellT | |
| ADAM-MC Plus | Automated fluorescence cell counter, ADAM™ MC Plus | Main device |
| ADAM-CellT Plus | Automated fluorescence cell counter for cGMP, ADAM™ CellT Plus | - Main device<br>- 21 CFR PART 11 appendix |
| APAD-400 | Cell viability reagent | 1 mL x 6 tubes (400 tests) |
| APAS-100 | AccuPlus Slide 4ch | 4ch. Slide 100 ea |
| ADAM-SCC2 | Automated somatic cell counter, ADAM™ SCC2 | |
| CRS-K02 | Somatic cell count kit | - 4ch chip x 100 slides (400 tests)<br>- SCC sol. x 2 ea |

## ADAMII™ Series

| Catalog Number | Product Name | Specification |
|---|---|---|
| ADAMII-LS | Image-based fluorescence cell analyzer, ADAMII™ LS | Main device, Laptop |
| ALAD-100 | Cell viability reagent (AO/DAPI staining) | AO/DAPI stain 0.5 mL x 2 tubes (100 tests) |
| ALPI-100 | PI cell cycle reagent | PI stain 1.25 mL x 2 tubes (100 tests) |
| ALAP-100 | Apoptosis detection kit | - AnnexinV-PE stain: 0.5 mL x 1 tube (100 Tests)<br>- DAPI solution: 125 µL x 1 tube (100 Tests)<br>- AnnexinV binding buffer: 10 mL x 1 tube (100 tests) |
| A2AS-051 | ADAMII Assay slide | 1 ch x 50 slides/ case |
| ADAMII-CDx | Image-based immunophenotyping instrument, ADAMII™ CDx | Main device, Laptop |
| ATK-025 | ADAMII™ T cell assay kit(CD4/CD8/CD3) | - 25 tests / T reagent, 10X RBC lysis buffer, Calibration beads, Assay slide |
| ABK-025 | ADAMII™ B cell assay kit (CD3/CD19/CD45) | - 25 tests / B reagent, 10X RBC lysis buffer, Calibration beads, Assay slide |
| ANK-025 | ADAMII™ NK cell assay kit (CD3/CD16+CD56/CD45) | - 25 tests / NK reagent, 10X RBC lysis buffer, Calibration beads, Assay slide |
| AMK-025 | ADAMII™ Monocyte assay kit (CD3/CD14/CD45) | - 25 tests / Monocyte reagent, 10X RBC lysis buffer, Calibration beads, Assay slide |
| ACVK-025 | ADAMII™ Cell viability kit | - 25 tests / Cell viability reagent, Assay slide |

## EVE™ Series

| Catalog Number | Product Name | Specification |
|---|---|---|
| EVE-MC | Automated cell counter, EVE™ | Main device, Desktop computer |
| EVE-MC2 | The World's fastest cell counter, EVE™ Plus | Main device, Desktop computer |
| EVS-050 | EVE cell counting slide | 50 slides (100 tests) |
| EBB-001 | Test beads | 1 mL vial x 1 ea |
| EVE HT | High-throughput automated cell counter, EVE™ HT | Main device, Desktop computer |
| EVH-020 | EVET™ HT counting kit | - 960 tests / kit<br>- Counting plate, Mixing well plate, Trypan blue stain 0.4 %, Reservoir |
| EHPQ-001 | EVE™ HT QC plate, Low level | |
| EHPQ-002 | EVE™ HT QC plate, Middle level | |
| EHPQ-003 | EVE™ HT QC plate, High level | |
| EVE HT FL | High-throughput fluorescence cell counter, EVE™ HT FL | Main device, Desktop computer |
| EVFL-020 | EVE™ HT FL Counting kit | - 960 tests / kit<br>- Counting plate, Mixing well plate, Reservoir |
| EVAD-960 | AO/DAPI Staining solution | AO/DAPI 20 mL x 2 bottles |

# Live Cell Imaging System

## JuLI™ Series

| Catalog Number | Product Name | Specification |
|---|---|---|
| JS1000S | JuLI™ Stage, Starter pack | JuLI Stage basic set (JS1000), Desktop computer (JP0200), 3 Objective lenses (4X, 10X & 20X) |
| JS1000 | JuLI™ Stage, Real-time live cell imaging system | Main Device, power supply, control box |
| JP0100 | Desktop computer | - CPU: Intel i5, 9 generation or over spec.<br>- OS: Windows 10 Pro 64 bit<br>- RAM: 16 GB<br>- Hard drive: 2 TB<br>- Network: Gigabit Ethernet |
| JMO100 | Desktop computer | 24” Full HD (1920 x 1980) monitor |
| JP0150 | External hard disk drive (Optional) | Total 8 TB (4 TB x 2 ea) |
| JO0004 | Objective lens (4X) | Magnification : 4X, NA : 0.16 |
| JO0010 | Objective lens (10X) | Magnification : 10X, NA : 0.3 |
| JO0020 | Objective lens (20X) | Magnification : 20 X, NA : 0.45 |
| JVH001 | Vessel holder (Optional) | Micro Slide (26 x 76 mm) |
| JVH002 | Vessel holder (Optional) | Petri Dish (35 mm) |
| JVH003 | Vessel holder (Optional) | Petri Dish (60 mm) |
| JVH004 | Vessel holder (Optional) | Petri Dish (100 mm) |
| JVH005 | Vessel holder (Optional) | T-Flask (25 & 75cm2) |
| JSCT100 | JuLI analysis software (Scratch) | - JuLI Scratch STAT<br>- JuLI Scratcher |
| JSPT100 | JuLI analysis software (Spheroid) | JuLI Spheroid STAT |

# Disposable Hemocytometer

## C-Chip 2ch

| Catalog Number | Product Name | Contents |
|---|---|---|
| DHC-N01 | Neubauer Improved, C-chip | 100 μm (depth), 50 slides |
| DHC-F01 | Fuchs-Rosenthal, C-chip | 200 μm (depth), 50 slides |
| DHC-B01 | Bürker, C-chip | 100 μm (depth), 50 slides |
| DHC-B02 | Bürker-Türk, C-chip | 100 μm (depth), 50 slides |
| DHC-M01 | Malassez, C-chip | 200 μm (depth), 50 slides |

## C-Chip 4ch

| Catalog Number | Product Name | Contents |
|---|---|---|
| DHC-N04 | Neubauer Improved, C-chip 4ch | 100 μm (depth), 50 slides |
| DHC-B04 | Bürker-Türk, C-chip 4ch | 100 μm (depth), 50 slides |
| DHC-F04 | Fuchs-Rosenthal, C-chip 4ch | 200 μm (depth), 50 slides |

## S-Chip

| Catalog Number | Product Name | Contents |
|---|---|---|
| DCS-S01 | Disposable plastic chamber for sperm counting, S-chip | 20 μm (depth), 50 slides |

MEMO

NESCT-LS-001E (V.1.5)

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NESCT-LS-001E (V.1.5)

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